

The Chronomatic-278 AM/FM LED Alarm Clock Radio with Battery Backup and Battery Sentinel uses a superior electronic design with many special features:

Large digital Display - makes the clock easy to read.

Push Button Operation - makes the clock radio easy to use.

Sleep To Music - lets you program the radio to play for up to 1 hour 59 minutes before the radio automatically turns off.

Snooze Button - lets you temporarily turn off the alarm or radio for about 9 minutes.

Battery Backup with Battery Sentinel - maintains the clock and alarm operation during a power failure.

BATTERY BACK-UP WITH BATTERY SENTINEL

The clock radio has a backup power system that operates the clock and alarm during a power failure. The clock display goes off, but the clock operates for at least 8 hours, and the alarm sounds for at least 10 minutes.

The BATTERY SENTINEL indicator is a small red dot at the bottom right of the display. The indicator turns on when the battery is low or not installed and the clock radio is connected to standard AC power.

INSTALLING THE BATTERY

Note: To prevent unnecessary drain on the battery, install it only after connecting the clock radio to an AC power outlet.

Slide off the battery cover on the bottom of the radio. Insert a 9-volt battery. For best performance, we recommend an alkaline battery, such as Radio Shack Cat. No. 23-553.

AUTO BATTERY TEST

The BATTERY SENTINEL circuit automatically tests the battery for low charge. If the BATTERY SENTINEL indicator lights, replace the battery.

A prolonged power failure can drain the battery. If this happens, the display flashes on and off when the power is restored. Replace the battery and reset the clock.

POWERING THE CLOCK RADIO

Plug the AC power cord into a standard AC outlet. The display blinks when the radio is first plugged in or if the power is interrupted.

To set the LED's brightness, set DIMMER LOW/HIGH to the desired setting.

SETTING THE TIME

Follow these steps to set the time.

1. Press and hold down TIME SET.
2. While you hold down TIME SET, press HOUR. The hour digits advance

1 hour each time you press HOUR. Press and hold HOUR to rapidly advance the hour digit.

Note: The PM indicator appears on the top left of the display at 12:00 noon and disappears from the display at 12:00 midnight.

3. While you hold down TIME SET, press MIN. The minute digits advance 1 minute each time you press MIN. Press and hold MIN to rapidly advance the minute digit.
4. Release TIME SET when the correct time appears on the display.

RESETTING THE SECONDS

This feature lets you reset the seconds display to zero. This is handy if you want to set the clock to a precise reference.

Follow these steps to reset the seconds.

1. Press and hold SLEEP, then press ALARM SET. The display shows the set time's minutes and seconds.
2. Continue to press and hold SLEEP, and release ALARM SET.
3. Press HOUR. The seconds reset to zero.
4. Release SLEEP.

Note: The minutes advance by one if the display shows greater than 29 minutes when you reset the seconds.

SETTING THE ALARM

Follow these steps to set the alarm.

1. Slide ALARM/AUTO/OFF/ON to OFF.
2. Press and hold down ALARM SET.
3. While you hold down ALARM SET, press HOUR. The time on the display advances by one hour each time you press HOUR. Hold down HOUR to rapidly advance the hour digits.
4. While you hold down ALARM SET, press MIN. The time on the display advances by one minute each time you press MIN. Hold down MIN to rapidly advance the minute digits.

5. Release ALARM SET when you have set the desired alarm time.

To view the preset alarm time, press ALARM SET.

USING THE RADIO

Follow these steps to operate the radio.

1. Rotate VOLUME to its minimum level.
2. Slide ALARM/AUTO/OFF/ON to ON.
3. Slide FM/AM to the desired band.
4. Rotate TUNING to the desired station.
5. Rotate VOLUME to a comfortable listening level.
6. Turn off the radio by sliding ALARM/AUTO/OFF/ON to OFF.

Note: The AM antenna is built in. Rotate the clock radio for best AM reception. For the best FM reception, fully extend the AC power cord (which is the FM antenna).

USING THE SLEEP TIMER

The Sleep Timer lets you set the radio to play for up to 1 hour 59 minutes, and then automatically turn off. This is useful if you want the radio to play as you go to sleep.

To use the sleep timer, slide ALARM/AUTO/OFF/ON to OFF.

Note: Slide ALARM/AUTO/OFF/ON to AUTO or ALARM if you want to use the sleep timer with the alarm function.

To play the radio for 59 minutes, press SLEEP once. 0:59 appears on the display. The radio begins to play for 59 minutes, then turns off.

To play the radio for more than 59 minutes, press and hold SLEEP. 0:59 appears on the display. The radio begins to play. While you hold down SLEEP, press HOUR once. The time on the display increases to the maximum of 1 hour, 59 minutes.

To play the radio for less than 59 minutes, press and hold SLEEP. 0:59 appears on the display and the radio begins to play. While you hold down SLEEP, press MIN to decrease the amount of time. The time on the display decreases by one minute each time you press MIN.

Note: Hold down MIN to rapidly decrease the playing time.

To turn off the radio before the preset sleep time has elapsed, press SNOOZE.

USING THE BUZZER ALARM

To wake to the alarm, slide ALARM/AUTO/OFF/ON to ALARM.

At the alarm time, the alarm sounds. It automatically turns off after 1 hour, 59 minutes.

To turn off the alarm before 1 hour, 59 minutes, slide ALARM/AUTO/OFF/ON to OFF.

To adjust the volume of the alarm sound, rotate VOLUME.

USING THE RADIO ALARM

To wake to music, slide ALARM/AUTO/OFF/ON to AUTO.

At the alarm time, the radio turns on. It automatically turns off after 1 hour, 59 minutes.

To turn off the radio before 1 hour, 59 minutes, slide ALARM/AUTO/OFF/ON to OFF.

USING THE SNOOZE TIMER

If you want to turn off the alarm but you want it to sound again in a few minutes, press SNOOZE after the radio or alarm comes on. This silences the radio or the alarm for about 9 minutes. You can repeat this until you set ALARM/AUTO/OFF/ON to OFF.

To reset the alarm to sound again at the alarm time next day, slide ALARM/AUTO/OFF/ON to OFF. Then slide it back to ALARM or AUTO.

The Chronomatic-278 AM/FM LED Alarm Clock Radio is an example of superior design and craftsmanship. The following suggestions will help you care for the clock radio so you can enjoy it for years.

Keep the clock radio dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode electronic circuits.

Use and store the clock radio only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.

Handle the clock radio gently and carefully. Dropping it can damage the circuit boards and can cause the clock radio to work improperly.

Keep the clock radio away from dust and dirt, which can cause premature wear of parts.

Wipe the clock radio with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the clock radio.

Use only fresh batteries of the required size and type. Always remove old or weak batteries. They can leak chemicals that can destroy electronic circuits.

Modifying or tampering with the clock radio's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your clock radio is not performing as it should, take it to your local Radio Shack store for assistance.

Chronomatic-278 (120-1586)

Specifications

Faxback Doc. # 3765

Bands

AM.....530-1710 kHz

FM.....88-108 MHz

Intermediate Frequency

AM.....455 kHz

FM.....10.7 MHz

Power Output.....320 mW (maximum)

Speaker.....3 Inch (5.7 cm) Ferrite, Dynamic-Type, 8 ohms

Power Requirements.....120V AC, 60 Hz, 6 Watts, DC 9V

Dimension.....2 1/4 x 10 x 5 1/2 Inches (HWD)

Weight.....1 lb. 9 oz.

(br/all-12/27/94)

LN-03/04